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62573

From: Spector, Lorraine
Sent: Friday, March 15, 2002 2:29 PM
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Please search the following,
pending, issued and commercial:
SEQ ID NO:2: Residues 1-229, 1-177, 126-177 and a word search for 30 contig. AA.

SEQ ID NO 1: nucleotides 5-691

Lorraine Spector
Primary Examiner
Art Unit 1647
CM1-10B11
(703)308-1793

Edward Hart
Technical Info. Specialist
STIC/Biotech
CMI 6B02 Tel: 305-9203

(STIC)

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Date Completed: 3/28/02
Searcher Prep/Review: _____
Clerical: _____
Online time: _____

TYPE OF SEARCH:

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AA Sequences: 3
Structures: _____
Bibliographic: _____
Litigation: _____
Full text: _____
Patent Family: _____
Other: _____

VENDOR/COST(where applic.)

STN: _____
DIALOG: _____
Questel/Orbit: _____
DRLink: _____
Lexis/Nexis: 01 3/27
Sequence Sys.: 0X
WWW/Internet: _____
Other (specify): _____



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Display

1: R68940. yi43f01.r1 Soares...[gi:842457]

Taxonomy, LinkOut

LOCUS R68940 403 bp mRNA linear EST 01-JUN-1995
DEFINITION yi43f01.r1 Soares placenta Nb2HP Homo sapiens cDNA clone
IMAGE:142009 5', mRNA sequence.
ACCESSION R68940
VERSION R68940.1 GI:842457
KEYWORDS EST.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 403)
AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman
,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.,
Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston
,R., Williamson,A., Wohldmann,P. and Wilson,R.
TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 644
High quality sequence stops: 346
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert Length: 644 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 346.
FEATURES
source
Location/Qualifiers
1..403
/organism="Homo sapiens"
/db_xref="GDB:550756"
/db_xref="taxon:9606"
/clone="IMAGE:142009"
/clone_lib="Soares placenta Nb2HP"
/sex="Female"
/dev_stage="placenta obtained at birth (full term)"
/lab_host="DH10B (ampicillin resistant)"
/note="Organ: placenta; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
AACTGGAAGAATTCGCGGCCGAGGAATTTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified pT7T3 vector. Library
went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo. "
BASE COUNT 100 a 99 c 89 g 114 t 1 others
ORIGIN

```
1 ctccagactc tgatactgcc acaacatgtc aactgtcctg gaggaattaa tgcctggaat
61 actatcacct cttatataga caaccaaadc tgtcaagggc aaaagaacct ttgcaataac
121 actggggacc cagaaaatgtg tcctgagaat ggatcttgtg tacctgatgg tccaggtctt
181 ttgcagtgtg tttgtgctga tggtttccat ggatacaagt gtatgcgcca gggctcgttc
241 tcaactgctta tgttcttcgg gattctggga gccaccactc tatccgtctc cattctgctt
301 tgggcgaccc agcgccgaaa agccaagact ttcatgaact acataggtct taccattgac
361 cttaa gatcc aatctngaac ttatttttag gccagtcag ggg
```

//

Revised: October 24, 2001.

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1: H02975.yj46h06.r1 Soares...[gi:865908]

Taxonomy, LinkOut

LOCUS H02975 462 bp mRNA linear EST 20-JUN-1995
 DEFINITION yj46h06.r1 Soares placenta Nb2HP Homo sapiens cDNA clone
 IMAGE:151835 5', mRNA sequence.
 ACCESSION H02975
 VERSION H02975.1 GI:865908
 KEYWORDS EST.
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 462)
 AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman
 ,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.,
 Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston
 ,R., Williamson,A., Wohldmann,P. and Wilson,R.
 TITLE The WashU-Merck EST Project
 JOURNAL Unpublished (1995)
 COMMENT Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 Insert Size: 634
 High quality sequence stops: 349
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL ; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Insert Length: 634 Std Error: 0.00
 Seq primer: M13RP1
 High quality sequence stop: 349.
 FEATURES
 source
 Location/Qualifiers
 1..462
 /organism="Homo sapiens"
 /db_xref="GDB:563976"
 /db_xref="taxon:9606"
 /clone="IMAGE:151835"
 /clone_lib="Soares placenta Nb2HP"
 /sex="Female"
 /dev_stage="placenta obtained at birth (full term)"
 /lab_host="DH10B (ampicillin resistant)"
 /note="Organ: placenta; Vector: pT7T3D (Pharmacia) with a
 modified polylinker; Site_1: Not I; Site_2: Eco RI; 1st
 strand cDNA was primed with a Not I - oligo(dT) primer [5'
 AACTGGAAGAAATTCGCGGCCGAGGAATTTTTTTTTTTTTTTT 3'],
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Not I and cloned into the Not I
 and Eco RI sites of the modified pT7T3 vector. Library
 went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo. "

BASE COUNT	111 a	111 c	110 g	128 t	2 others
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ORIGIN

```

1 gactctgata ctgccacaac atgtcaactg tcctggagga attaatgcct ggaatactat
61 cacctcttat atagacaacc aaatctgtca agggcaaaag aacctttgca ataacactgg
121 ggacccagaa atgtgtcctg agaatggatc ttgtgtacct gatgggccag gtcttttgca
181 gtgtgtttgt gctgatggtt tccatggata caagtgtatg cgccagggct cgttctcact
241 gcttatgttc ttcgggattc tgggagccac cactctatcc gtctccattc tgctttgggc
301 gacccagcgc cgaaaagcca agacttcatg aactacatag gtcttaccat tgacctaaga
361 tcaatctgga actatcttag gccagttag ggagcttgct tcctaggaaa gggcnctttt
421 cgccagtggg atttcgnctc aaggttgaag gccgccattt gg

```

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1: H71660.ys10h09.r1 Soares...[gi:1043476]

PubMed, Taxonomy, LinkOut

LOCUS H71660 497 bp mRNA linear EST 26-OCT-1995
 DEFINITION ys10h09.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone
 IMAGE:214433 5', mRNA sequence.
 ACCESSION H71660
 VERSION H71660.1 GI:1043476
 KEYWORDS EST.
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1 (bases 1 to 497)
 AUTHORS Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.,
 Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins
 ,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore
 ,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T.,
 Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E.,
 Underwood,K., Wohldmann,P., Waterston,R., Wilson,R. and Marra,M.
 TITLE Generation and analysis of 280,000 human expressed sequence tags
 JOURNAL Genome Res. 6 (9), 807-828 (1996)
 MEDLINE 97044478
 COMMENT Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@watson.wustl.edu
 Insert Size: 597
 High quality sequence stops: 379
 Source: IMAGE Consortium, LLNL
 This clone is available royalty-free through LLNL ; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Insert Length: 597 Std Error: 0.00
 Seq primer: M13RP1
 High quality sequence stop: 379.
 FEATURES
 source Location/Qualifiers
 1..497
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone="IMAGE:214433"
 /clone_lib="Soares fetal liver spleen 1NFLS"
 /sex="male"
 /dev_stage="20 week-post conception fetus"
 /lab_host="DH10B (ampicillin resistant)"
 /note="Organ: Liver and Spleen; Vector: pT7T3D (Pharmacia)
 with a modified polylinker; Site_1: Pac I; Site_2: Eco RI;
 1st strand cDNA was primed with a Pac I - oligo(dT) primer
 [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTTTTT 3'],
 double-stranded cDNA was ligated to Eco RI adaptors
 (Pharmacia), digested with Pac I and cloned into the Pac I

and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."

```

BASE COUNT      121 a      119 c      117 g      138 t      2 others
ORIGIN
   1 attcggcaca ggtcaactgt cctggaggaa ttaatgcctg gaatactatc acctcttata
  61 tagacaacca aatctgtcaa gggcaaaaga acctttgcaa taacactggg gaccagaaa
 121 tgtgtcctga gaatggatct tgtgtacctg atgggtccagg tcttttgagc tgtgtttgtg
 181 ctgatggttt ccatggatac aagtgtatgc gccagggctc gttctcactg cttatgttct
 241 tcgggattct gggagccacc actctatccg tctccattct gctttgggag acccagcgcc
 301 gaaaagccaa gacttcatga actacatagg tcttaccatt gacctaatga caatctgaac
 361 tatcttagcc cagtcaggga gctctgcttc ctaggaaagg catctttcgc cagtgggatt
 421 cgcctcaagg ttgaggccgc cattgggaag atgaaaattg cattccttgg tgtagacaat
 481 accagttccc ttingttt

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1: T52870. ya81d11.r1 Strata...[gi:654730]

[PubMed](#), [Taxonomy](#), [LinkOut](#)

LOCUS T52870 382 bp mRNA linear EST 06-FEB-1995
DEFINITION ya81d11.r1 Stratagene ovary (#937217) Homo sapiens cDNA clone
IMAGE:68085 5', mRNA sequence.

ACCESSION T52870

VERSION T52870.1 GI:654730

KEYWORDS EST.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 382)

AUTHORS Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,
Chisoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins,
M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore,
B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T.,
Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J., Trevaskis, E.,
Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, M.

TITLE Generation and analysis of 280,000 human expressed sequence tags

JOURNAL Genome Res. 6 (9), 807-828 (1996)

MEDLINE 97044478

COMMENT Other ESTs: ya81d11.s1

Contact: Wilson RK

Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 558

High quality sequence stops: 282 Source: IMAGE Consortium, LLNL This
clone is available royalty-free through LLNL ; contact the IMAGE
Consortium (info@image.llnl.gov) for further information.

Insert Length: 558 Std Error: 0.00

Seq primer: M13RP1

High quality sequence stop: 282.

FEATURES

source

Location/Qualifiers

1..382

/organism="Homo sapiens"

/db_xref="GDB:504342"

/db_xref="taxon:9606"

/clone="IMAGE:68085"

/clone_lib="Stratagene ovary (#937217)"

/sex="female"

/dev_stage="49 year old"

/lab_host="SOLR cells (kanamycin resistant)"

/note="Organ: ovary; Vector: Bluescript SK; Site 1: EcoRI;

Site 2: XhoI; Cloned unidirectionally. Primer: Oligo dT.

Total ovary tissue, normal, caucasian. Average insert

size: 0.8 kb; Uni-ZAP XR Vector; ~5' adaptor sequence: 5'

GAATTCGGCACGAG 3' ~3' adaptor sequence: 5'


```

CTCGAGTTTTTTTTTTTTTTTTTTT 3'"
BASE COUNT      89 a      88 c      87 g      115 t      3 others
ORIGIN
   1 gaattaatgc ctggaatact atcacctctt atatagacaa ccaaactctgt caagggcaaa
  61 agaacctttg caataacact ggggacccag aaatgtgtcc tgagaatgga tcttgtgtac
 121 ctgatgggcc aggtcttttg cagtgtgttt gtgctgatgg ttccatgga tacaagtgtg
 181 tgcgccaggg gctcgttctc actgcttatg ttcttcggga ttctgggagc caccactcta
 241 tccgtctcca ttctgctttg ggcgacccag cgccgnaaaa gcccaaggact ttcatggaac
 301 ttacataggg tctttaccat ttgaccttaa gatccantct ggaactatct ttagcccagt
 361 tcaggggagc tcttgntttt tt
//

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1: H87685.yw15f01.r1 Soares...[gi:1069264]

[Taxonomy](#), [LinkOut](#)

LOCUS H87685 354 bp mRNA linear EST 21-NOV-1995
DEFINITION yw15f01.r1 Soares_placenta_8to9weeks_2NbHP8to9W Homo sapiens cDNA
clone IMAGE:252313 5', mRNA sequence.
ACCESSION H87685
VERSION H87685.1 GI:1069264
KEYWORDS EST.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 354)
AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman
,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.,
Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston
,R., Williamson,A., Wohldmann,P. and Wilson,R.
TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High quality sequence stops: 333
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert Length: 1015 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 333.
FEATURES
source Location/Qualifiers
1..354
/organism="Homo sapiens"
/db_xref="GDB:3885379"
/db_xref="taxon:9606"
/clone="IMAGE:252313"
/clone_lib="Soares_placenta_8to9weeks_2NbHP8to9W"
/dev_stage="two placentae: one from 8 weeks and another
from 9 weeks post conception"
/lab_host="DH10B (ampicillin resistant)"
/note="Organ: placenta; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTACCAATCTGAAGTGGGAGCGGCCGATTTTTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was size selected, ligated to Eco RI
adapters (Pharmacia), digested with Not I and cloned into
the Not I and Eco RI sites of a modified pT7T3 vector
(Pharmacia). Library constructed by Bento Soares and
M.Fatima Bonaldo."

BASE COUNT	84	a	102	c	93	g	72	t	3	others
------------	----	---	-----	---	----	---	----	---	---	--------

ORIGIN

```

1 attcggcaca gggagcacca agggaaacgga aaatggcgcc tcacgacccg ggtacntctt
61 acgaccctgg tgccctgggc tgccgcctgg ctccctcgctc tgnctgtgaa agggctctgg
121 cgctaccgga gatatgcacc naatgtccag ggagcgtgca aaatttgta aaagtggcct
181 tttattgtaa aacgacacga gagctaatac tgcatacccc ttgctgcctg aatcagaagg
241 gcaccatctt ggggctggat ctccagaact gttctctgga ggaccctggt ccaaactttc
301 atcaggcaca taccactgtc atcatagacc tgcaagcaaa cccctcaaa ggtg
//

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1: T39215. ya02c08.r2 Strata...[gi:646975]

[PubMed](#), [Taxonomy](#), [LinkOut](#)

LOCUS T39215 248 bp mRNA linear EST 27-JAN-1995
DEFINITION ya02c08.r2 Stratagene lung (#937210) Homo sapiens cDNA clone
IMAGE:60302 5', mRNA sequence.

ACCESSION T39215
VERSION T39215.1 GI:646975
KEYWORDS EST.
SOURCE human.

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 248)
AUTHORS Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B.,
Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins,
M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore,
B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T.,
Schellenberg, K., Soares, M.B., Tan, F., Thierry-Mieg, J., Trevaskis, E.,
Underwood, K., Wohldmann, P., Waterston, R., Wilson, R. and Marra, M.

TITLE Generation and analysis of 280,000 human expressed sequence tags
JOURNAL Genome Res. 6 (9), 807-828 (1996)

MEDLINE 97044478

COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: M13RP1.

FEATURES
source Location/Qualifiers
1..248
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone="IMAGE:60302"
/clone_lib="Stratagene lung (#937210)"
/sex="male"
/dev_stage="72 years"
/lab_host="SOLR cells (kanamycin resistant)"
/note="Organ: lung; Vector: pBluescript SK-; Site_1: EcoRI
; Site_2: XhoI; Cloned unidirectionally. Primer: Oligo
dT. normal lung. Average insert size: 1.0 kb; Uni-ZAP XR
Vector; ~5' adaptor sequence: 5' GAATTCGGCAG 3' ~3'
adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTTTTT 3'"

BASE COUNT 68 a 57 c 53 g 70 t

ORIGIN

```
1 acaccttccg tggctttact cagctccaga ctctgatact gccacaacat gtcaactgtc
61 ctggaggaat taatgcctgg aatactatca cctctaatat agacaacaa atctgtcaag
121 ggcaaaagaa cctttgcaat aacactgggg acccagaaat gtgtcctgag aatggatcct
```

181 gtgtacctaa tgggccaggt cttttgcagt gtgtttgtcc tgatgggttc catggataca
241 agtgtatg

//

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1: T64613. ycl2e11.r1 Strata...[gi:673658]

[PubMed](#), [Taxonomy](#), [LinkOut](#)

LOCUS T64613 449 bp mRNA linear EST 20-FEB-1995
DEFINITION ycl2e11.r1 Stratagene lung (#937210) Homo sapiens cDNA clone
IMAGE:80492 5', mRNA sequence.

ACCESSION T64613
VERSION T64613.1 GI:673658
KEYWORDS EST.
SOURCE human.

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 449)
AUTHORS Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.,
Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins
M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore
B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T.,
Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E.,
Underwood,K., Wohldmann,P., Waterston,R., Wilson,R. and Marra,M.

TITLE Generation and analysis of 280,000 human expressed sequence tags
JOURNAL Genome Res. 6 (9), 807-828 (1996)
MEDLINE 97044478

COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 600

High quality sequence stops: 284 Source: IMAGE Consortium, LLNL This
clone is available royalty-free through LLNL ; contact the IMAGE
Consortium (info@image.llnl.gov) for further information.

Insert Length: 600 Std Error: 0.00

Seq primer: M13RP1

High quality sequence stop: 284.

FEATURES

source

Location/Qualifiers

1..449

/organism="Homo sapiens"

/db_xref="GDB:484109"

/db_xref="taxon:9606"

/clone="IMAGE:80492"

/clone_lib="Stratagene lung (#937210)"

/sex="male"

/dev_stage="72 years"

/lab_host="SOLR cells (kanamycin resistant)"

/note="Organ: lung; Vector: pBluescript SK-; Site_1: EcoRI

; Site_2: XhoI; Cloned unidirectionally. Primer: Oligo

dT. normal lung. Average insert size: 1.0 kb; Uni-ZAP XR

Vector; ~5' adaptor sequence: 5' GAATTCGGCAG 3' ~3'

adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTTTTT 3'"

BASE COUNT 97 a 103 c 108 g 138 t 3 others

ORIGIN

```
1 taacacttgg ggcccagaaa tgtgtcctga gaatggatct tgtgtacctg atgggtccagg
61 tcttttgcag tgtgtttgtg ctgatggttt ccatggatac aagtgtatgc gccagggctc
121 gttctcactg cttatgttct tcgggattct gggagccacc actctatccg tctccattct
181 gctttgggcg acccagcgcc gaaaagccaa gacttcatga actacatagg tcttaccatt
241 gacctaagat caatctgaac tatcttagcc cagtcaggga gctctgcttc ctaggaaagg
301 catctttcgc cagtgggatt cgccctcaagg ttgaggncgc ccattgggaa ggatggaaaa
361 attggcactc ccttnggtgt taggacaaat taccagtttc ccatttggn gtttgttggc
421 ctataaatta aacacttttt tcttttttt
```

//

Revised: October 24, 2001.

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Nucleotide

PubMed

Nucleotide

Protein

Genome

Structure

PopSet

Taxonomy

OMIM

B

Search for

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Clear

Limits

Preview/Index

History

Clipboard

Details

Display

Save

Text

Add to Clipboard

1: R76590.yi60c09.r1 Soares...[gi:851239]

Taxonomy, LinkOut

LOCUS R76590 361 bp mRNA linear EST 06-JUN-1995
DEFINITION yi60c09.r1 Soares placenta Nb2HP Homo sapiens cDNA clone
IMAGE:143632 5', mRNA sequence.

ACCESSION R76590
VERSION R76590.1 GI:851239
KEYWORDS EST.
SOURCE human.

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 361)
AUTHORS Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman
,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J.,
Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston
,R., Williamson,A., Wohldmann,P. and Wilson,R.

TITLE The WashU-Merck EST Project
JOURNAL Unpublished (1995)
COMMENT Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 719
High quality sequence stops: 273
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Insert Length: 719 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 273.

FEATURES
source Location/Qualifiers
1..361
/organism="Homo sapiens"
/db_xref="GDB:552814"
/db_xref="taxon:9606"
/clone="IMAGE:143632"
/clone_lib="Soares placenta Nb2HP"
/sex="Female"
/dev_stage="placenta obtained at birth (full term)"
/lab_host="DH10B (ampicillin resistant)"
/note="Organ: placenta; Vector: pT7T3D (Pharmacia) with a
modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
AACTGGAAGAATTTCGCGGCCGAGGAATTTTTTTTTTTTTTTTTTTT 3'],
double-stranded cDNA was ligated to Eco RI adaptors
(Pharmacia), digested with Not I and cloned into the Not I
and Eco RI sites of the modified pT7T3 vector. Library
went through one round of normalization. Library

constructed by Bento Soares and M.Fatima Bonaldo. "

BASE COUNT	91 a	89 c	81 g	95 t	5 others
------------	------	------	------	------	----------

ORIGIN

```

1 gagaactgtt ctctggagga ccctggtcaa nactttcatc aggcacatac cactgtcatc
61 atagacctgc aagcaaacc cctcaaaggt gacttggcca acaccttccg tggctttact
121 cagctccaga ctctgatact gccacaacat gtcaactgtc ctggaggaat taatgcctgg
181 gaatactatc acctcttata tagacaacca aatctgtcaa ggggcaaaaag aacctttgca
241 ataactactg ggacccagaa atgtgtcctg agaatggatc ttgtgttacc tgatgggtcc
301 cagggtttt tgcagtgtnt tttgtgctga ngggtttccc ntgggttaca agtgttntgc
361 g

```

//

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